

IN THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) An irradiation device ~~(1)~~, comprising:
- [[ - ]] a base part ~~(2)~~,
- [[ - ]] a support ~~(3)~~, longitudinally extending from the base part ~~(2)~~ and enclosing ~~an~~ a first angle ~~( $\alpha$ )~~ with vertical axis ~~V~~, and
- [[ - ]] a housing ~~(4)~~ comprising a central axis ~~(5)~~, at least one radiation unit ~~(6)~~, and a radiation emission plane ~~(7)~~, said housing ~~(4)~~ being pivotally connected to said support via a pivot axis ~~(8)~~ shaft,
- [[ - ]] said housing ~~(4)~~ being pivotable between an operational position ~~(A)~~, in which the radiation emission plane ~~(7)~~ is horizontal ~~(X)~~, and a rest position ~~(B)~~, in which the radiation emission plane ~~(7)~~ is vertical ~~(Y)~~, and the central axis ~~(5)~~ of the

housing (4) encloses the first angle  $\{\alpha\}$  with the vertical axis  
(V),

~~characterized in that wherein~~ the pivot axis (8) shaft extends  
from the support so as to enclose ~~an~~ a second angle  $\{\alpha/2\}$  with the  
horizontal plane (X) and with the vertical plane (Y) so that said  
housing is movable between the operational position and the rest  
position with a single rotation of the pivot shaft about a pivot  
axis extending through the pivot shaft.

2. (Currently Amended) ~~An~~ The irradiation device as claimed in  
claim 1, ~~characterized in that~~ further comprising a blocking system  
(10) ~~is provided for~~ releasably blocking the housing (4) in its  
operational position (A) and in its rest position (B) relative to  
the support (3).

3. (Currently Amended) ~~An~~ The irradiation device as claimed in  
claim 2, ~~characterized in that~~ wherein the blocking system (10)  
comprises:

[[ - ]] a cylindrical blocking element (11) with protrusions (12)  
which is provided coaxially with the pivot shaft (8) near an end of

the pivot shaft ~~(8)~~ in the vicinity of its connection to the support ~~(3)~~,

[[~~-~~]] a chamber ~~(13)~~ provided in the housing ~~(4)~~ for receiving said blocking element ~~(11)~~, comprising notches ~~(22)~~ for co-operation with said protrusions ~~(12)~~.

4. (Currently Amended) ~~An~~ The irradiation device as claimed in claim 1, ~~characterized in that~~ further comprising a connection system ~~(30)~~ is provided for connecting the pivot axis ~~(8)~~ to the support, ~~which~~ wherein the connection system comprises:

[[~~-~~]] a fastening element ~~(31)~~ for receiving the shaft ~~(8)~~, which is attachable to the support ~~(3)~~,

[[~~-~~]] a clamp element ~~(32)~~ for clamping the shaft ~~(8)~~ in said fastening element ~~(31)~~.

5. (Currently Amended) ~~An~~ The irradiation device as claimed in claim 1, ~~characterized in that~~ wherein the device ~~(1)~~ comprises a ~~suntanning~~ sun-tanning device.

6. (New) An irradiation device comprising:

a base;

a support longitudinally extending from the base; and

a housing comprising at least one radiation unit and a radiation emission plane; and

a shaft which pivotally connects the housing to the support; the housing being pivotable between an operational position where the radiation emission plane is horizontal, and a rest position where the radiation emission plane is vertical;

wherein the housing is movable between the operational position and the rest position with a single rotation of the shaft about a pivot axis extending through the shaft.

7. (New) The irradiation device of claim 6, wherein the support encloses a first angle having a first value with a vertical axis, and wherein a central axis of the housing encloses a second angle having the first value with the vertical axis.

8. (New) The irradiation device of claim 6, wherein the support encloses a first angle having a first value with a vertical axis, and wherein the shaft extends from the support so as to

enclose a second angle having a second value with the horizontal plane and with the vertical plane, the second value being half the first value.

9.(New) The irradiation device of claim 6, further comprising:

a fastening element that receives the shaft and is attachable to the support; and

a clamp which clamps the shaft in the fastening element.

10.(New) The irradiation device of claim 6, further comprising a first gear having a first diameter  $D1$  and engaging a second gear having a second diameter  $D2$ , the second gear being rotatable about the shaft, wherein  $D1=D2(90/\alpha)$ , where  $\alpha$  is an angle between the support and a vertical axis.

11.(New) An irradiation device comprising:

a base;

a support extending from the base; and

a housing comprising at least one radiation unit and having a

longitudinal axis; and

a shaft which pivotally connects the housing to the support;  
the housing being pivotable between a rest position where the longitudinal axis is substantially parallel to the support and an operational position where the longitudinal axis is not substantially parallel with the support;

wherein the housing is movable between the operational position and the rest position with a single rotation of the shaft about a pivot axis extending through the shaft.

12.(New) The irradiation device of claim 11, wherein the support encloses a first angle having a first value with a vertical axis, and wherein a central axis of the housing encloses a second angle having the first value with the vertical axis.

13.(New) The irradiation device of claim 11, wherein the support encloses a first angle having a first value with a vertical axis, and wherein the shaft extends from the support so as to enclose a second angle having a second value with the horizontal plane and with the vertical plane, the second value being half the

first value.

14.(New) The irradiation device of claim 11, further comprising:

a fastening element that receives the shaft and is attachable to the support; and

a clamp which clamps the shaft in the fastening element.

15.(New) The irradiation device of claim 11, further comprising a first gear having a first diameter  $D1$  and engaging a second gear having a second diameter  $D2$ , the second gear being rotatable about the shaft, wherein  $D1=D2(90/\alpha)$ , where  $\alpha$  is an angle between the support and a vertical axis.